

Name: _____ Date _____

Hurricanes Scavenger Hunt

Use your list of resources to find specific information about hurricanes. When you are finished, work on the Windy Weather hidden message activity.

1. What is a hurricane?

2. Wind speeds in a hurricane can be _____ up to _____.
3. Hurricanes are grouped into # _____ categories, with Category 3 measuring wind speeds from _____ to _____. (Saffir-Simpson Scale)
4. Which ocean are hurricanes located? _____
5. What are similar storms called in the Pacific Ocean? _____ and _____.
6. Which part of a hurricane is calm? _____.
7. Name 3 things that happen when hurricanes hit land.

8. List 3 historical hurricanes along the east coast of the US. Include the name, date, and location of destruction.

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9. How are hurricanes named? _____
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10. Draw a diagram of how a satellite would see a hurricane.
11. List elements needed to create a hurricane.

12. The average hurricane is about 375 miles (600 km) across. That's the distance from New York City to Norfolk, Virginia. How wide can a hurricane measure? Up to _____.
13. Is there a high pressure system or a low pressure system in the eye of a hurricane? _____.
14. What force number on the Beaufort Scale is labeled as a hurricane? _____.
15. What is the difference between a watch and a warning? _____.
16. List 3 examples of damage a hurricane could cause.

_____.
17. Explain how a meteorologist tracks a hurricane.

_____.
18. What should someone do to prepare for a hurricane?

_____.

Answers to Scavenger Hunt - Teacher Copy

1. What is a hurricane? (huge storms of high speed spiraling winds)
2. Wind speeds in a hurricane can be (74 mph/119 km/h up to 200 mph).
3. Hurricanes are grouped into #(5) categories, with Category 3 measuring wind speeds from (111 mph - 130 mph). (Saffir-Simpson Scale)
4. Which ocean are hurricanes located? (Atlantic Ocean)
5. What are similar storms called in the Pacific Ocean? (typhoons or cyclones)
6. Which part of a hurricane is calm? (the eye)
7. Name 3 things that happen when hurricanes hit land. (strong winds, rain, destruction, hurricane dies down, etc. . .)
8. List 3 historical hurricanes along the east coast of the US. Include the name, date, and location of destruction. (varies)
9. How are hurricanes named? (Alphabetically alternating girl and boy names)
10. Draw a diagram of how a satellite would see a hurricane.
11. List elements needed to create a hurricane. (high humidity, warm surface ocean waters, spiraling wind patterns, or similar answers)
12. The average hurricane is about 375 miles (600 km) across. That's the distance from New York City to Norfolk, Virginia. How wide can a hurricane measure? (Up to 1000 miles)
13. Is there a high pressure system or a low pressure system in the eye of a hurricane? (Low)
14. What force number on the Beaufort Scale is labeled as a hurricane? (12)
15. What is the difference between a watch and a warning? (a watch means conditions could cause a hurricane, where as a warning means a hurricane has been identified and is heading your way)
16. List 3 examples of damage a hurricane could cause. (varies - could include wind damage, flooding, heavy rains, storm surges, etc. . .)
17. Explain how a meteorologist tracks a hurricane. (They use weather satellites, computers, and radar. Hurricane eye positions are given by latitude (bottom upward) and longitude (right to left). They look at and record the time, date, eye position, direction of movement, and wind speed.)
18. What should someone do to prepare for a hurricane? (varies - answers could include evacuate, board up windows, secure all loose items around outside of house, contact out of state friends, prepare an emergency kit with items such as a radio, bottled water, batteries, clothes, food, first aid kit, etc. . .).

Answer to Wind Weather

Hurricanes are storms with winds ranging from 74 mph up to 200 mph.